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(73) Assignee: 000006932RICOH ELEMEX CORP.

(72) Inventor: OBAYASHI Masashi

(74) Agent: NAKAO Shunsuke, Patent Attorney

(56) Literature Cited: Jikkai 63-18322 (JP, U)

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(54) [Title of the Invention] **Toothbrush [section] for electrically
powered toothbrush**

(57) [Claims]

[Claim 1] A toothbrush [section] for an electrically powered toothbrush, comprising:
a reciprocating member for reciprocating linear motion, [said member] having racks, and
carrying first bristle tufts; and brush gears meshing with said racks of said reciprocating
member, [said gears] carrying second bristle tufts and undergoing reciprocating rotational
motion at predetermined locations.

[Claim 2] The toothbrush [section] for an electrically powered toothbrush apparatus
according to claim 1 wherein bristle tufts are arranged in three rows, with said second
bristle tufts located in the center and said first bristle tufts located to either side thereof.

[Claim 3] The toothbrush [section] for an electrically powered toothbrush apparatus
according to claim 1 wherein said first bristle tufts undergo reciprocating linear motion
through reciprocating linear motion of said reciprocating member [driven by] a motor,
and said second bristle tufts undergo reciprocating rotational motion through
reciprocating rotational motion of said brush gears that mesh with said racks of said
reciprocating member.

[Claim 4] The toothbrush [section] for an electrically powered toothbrush apparatus
according to claim 1 wherein said second bristle tufts undergo reciprocating rotational
motion through reciprocating rotational motion of said brush gears [driven by] a motor,
and said first bristle tufts undergo reciprocating linear motion through reciprocating linear
motion of said reciprocating member having said racks that mesh with said brush gears.